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Kelman

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[54] **HIGH MYOPIA ANTERIOR CHAMBER LENS WITH ANTI-GLARE MASK**

[76] Inventor: **Charles D. Kelman**, 721 Fifth Ave., New York, N.Y. 10022

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[52] **U.S. Cl.** **623/6**

[58] **Field of Search** 623/6

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Primary Examiner—Mary Beth Jones

Attorney, Agent, or Firm—Darby & Darby

[57] **ABSTRACT**

A two piece anterior chamber artificial intraocular lens for treating high myopia conditions by implantation in an eye after extracapsular removal of the natural eye lens is disclosed. The two-piece assembly is inserted through a minimum size incision in the eye. The lens includes a lens body or optic and a separate ring-shaped tension frame therefor containing light masking means for inhibiting light rays directed toward the outer edge portions of the lens body from being scattered thereby toward the retina after the assembled lens has been inserted into the eye. The lens body or optic is generally circular and conveniently made of shape retaining plastic. The optic is generally smaller than the diameter of a pupil dilated for night vision, and is surrounded by a snugly fitting annular opaque or semi-opaque ring or frame having a C-shaped cross section and a peripherally extending fin of the same material. The fin is preferably formed of flexible material which is bent during insertion to allow insertion of the two-piece assembly through a minimal size corneal incision. The lens is also provided with position fixation means, such as haptics, which are integrally formed with the lens body and extend outward in the generally horizontal plane of the lens body for seating the lens in the eye. The ring-shaped frame is preferably mated with the lens during manufacturing.

21 Claims, 2 Drawing Sheets